

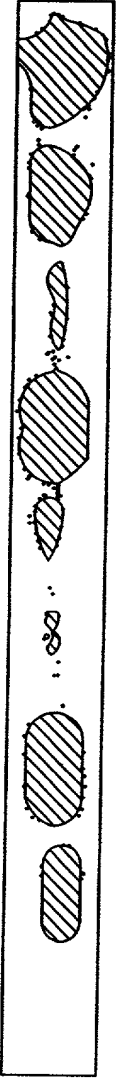
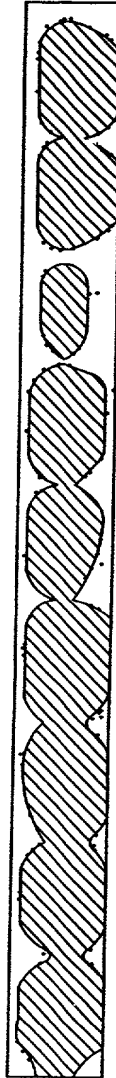
Name of ASO	1	2	3	4	5	6	7	8	9
Motif containing	-	-	0796	2755	1906	2350	3004	3208	3466
LPS stimulation	-	-	NO	YES	YES	YES	YES	YES	YES
TNF- α inhibition	NO	YES	YES	YES	YES	YES	YES	YES	YES
	-	-	48%	92%	80%	18%	77%	8%	NO
TNF- α mRNA									
18S rRNA									

Fig. 3

1 gaattccggg tgatttcaact cccggctgtc caggcttgctc ctgctacccc accagcctt
61 tcttgaggcc tcaagcctgc caccaagccc ccagctcctt ctccccgcag gacccaaaca
121 caggcctcag gactcaaacac agctttttccc tccaaccctt tttctctccc tcaacggact
181 cagctttctg aagccctcc cagttctagt tctatctttt tccctgcatcc tgtctggaag
241 ttagaaggaa acagaccaca gacctggtcc ccaaaagaaa tggaggcaat aggttttgag
301 gggcatggg Acggggttca gctccaggg tctacacac aaatcagtca gtgccccaga
361 agacccccct cgggaatcggg gcaGGGAgga tgGGGAgtgt gagggtatc cttgatgctt
421 gtgtgtcccc aactttccaa atccccgccc ccgcgatgga gaagaaaaccg agacagaagg
481 tgcaggggccc actaccgctt cctccagatg agctcatggg tttctccacc aaggaaagttt
541 tccgctggtt gaatgattct tccccgccc tctctcggc ccaGGGAcac ataaaggcag
601 ttgttggcac accagccag cagacgctcc ctcagcaagg acagcagagg accagctaag
661 aGGGAgagaa gcaactacag accccccctg aaaacaaacc cagacgcca catccctga
721 caagctgcca ggcagggttct ctctcttca catactgacc cagggttca cctctctcc
781 cctggaaagg acaccatgag cactgaaagc atgatccGGG Acgtggagct ggcgaggag
841 gcgctcccca tgatcgtggc aggcgccacc agctcttct acgtctgtt ggtcagcctc
901 ttctccttcc atcggttggc ggtgagtgcc tggccagcct tcatccactc tcccacccaa
961 atcggttggc ggaacgcaag agaGGGAgag agatGGGAtg ggtgaaagat gtgcgctgat
1021 gGGGAaatga gagagagaaa gaaagacgGG gaaagacgGG gatgctggc
1081 aGGGAGGGAT gagagagag agagaaaagat ggagagacag gatgctggc acatggaagg
1141 aagagatgGG GAagagagag agagaaaagat agtgaatgaa tgaatgaatg aatgaacaag
1201 tgctcactaa gtgtgtatgg agtgaatgaa tgaatgaatg agaagagaga tggGGGAaga
1261 aataagatat ggagacagat gtggggtgtg agaagagaga GGAaataatga
1321 atgaataaag atggtgagac agaaagagcG tgGcaacacag aagacactca
1381 ggagataaag agagaagaag atagggtgtc tgGcaacacag aagacactca
1441 tgttgaatgc tggaaagtg atacacagat gaatggagag agaaaaccag acacctcagg
1501 gctaagagcg caggccagac aggcagccag ctgttctctc ttttaagggtg actccctga
1561 tgtaaacat tctccttctc cccaacagtt cccaGGGAc ctctctctaa tcagccctct

Fig. 4A

1621 ggcccaggca gtcagtaagt gtctccaaac ctcttctocta attctgggtt tgggtttggg
1681 ggtagggtta gtaccggtat ggaagcagtg gGGGAaattt aaagttttgg tcttggGGGA
1741 ggatggatgg aggtgaaagt aggggggtat tttctaggaa gtttaagggt ctcagctttt
1801 tcttttctct ctcctcttca ggtatcatctt ctogaacccc gagtgacaag cctgtagccc
1861 atgttttagg taagagctct gaggatgtgt gttggaactt ctggaactt gaggggctag gatttgGGGA
1921 ttgaagcccc gctgatggtg ggcagaactt ggcagaactt ggagacaatg tgagaaggac tcgctgagct
1981 caaGGGAagg gtggaggaaac agcacaggcc ttagtGGGAt actcagaacg tcatggcccag
2041 gtGGGAtgtG GGAtgacaga cagagaggac aggaaccgga tgtggggtgg gcagagctcg
2101 agggccaggga tgtggagagt gaaccgacat gaaccactg ggtggaactg actctctct
2161 ctccctccag caaacctca agctgagggg cagctccagt ggtgaaaccg ccggggccaat
2221 gccctcctgg ccaatggcgt ggagctgaga gataaccagc tgggtggtgcc atcagagggc
2281 ctgtacctca tctactcca ggtcctcttc aaggggccaag gctgccccct caccatgtg
2341 ctccctcacc acaccatcag ccgcatcgcc gtctcctacc agaccaagt caacctcctc
2401 tctgccaatca agagccccctg ccagaGGGAg acccagagg gggtgaggc caagccctgg
2461 tatgagccca tctatctGGG Aggggtcttc cagctggaga aggtgaccg actcagcgt
2521 gagatcaatc ggcccgaacta tctcgacttt gccgagtctg ggcaggtcta ctttGGGAtc
2581 attgccctgt gaggaggacg aacatccaac ctccccaaac gcctccccctg ccccaatccc
2641 tttattacc cctccttcag gaacccaagc ttagaacttt aagcaacaag accaccactt cgaacacctg
2701 cttaggggtcg gaacccaagc ttagaacttt gacagtgaa gtgctggcaa ccactaagaa ttcaaacctg
2761 gattcaggaa tgtgtggcct gcacagtga gctacagct ttgatccccg acatctggaa tctggagacc
2821 ggccctccaga actcactggg gcctacagct cagaatgctg caggacttga gaagacctca cctagaaat
2881 aGGGAgcctt tggttctggc gaccttaggc ctctcctctct ccagatgttt ccagacttcc ttgagacacg
2941 gacacaagtg gaccttaggc ctctcctctct agccagctcc ctctatttat gttgcaactt gtgattatt
3001 gagccccagcc ctccccatgg tattatttat ttatttacag atgaatgtat ttatttGGGA gaccggggta
3061 attatttatt tattatttat ttatttacag atgaatgtat ttatttGGGA gaccggggta
3121 tcttggGGGA cccaatgtag gagctgcctt ggctcagaca tgttttccgt gaaaacggag
3181 ctgaacaata ggctgttccc atgtagcccc ctggcctctg tgccttcttt tgattatgtt

Fig. 4B

3241 ttttaaaata tttatctgat taagttgtct aaacaatgct gatttggtga ccaactgtca
3301 ctcatgctg agcctctgct cccagGGGA gttgtgtctg taatcgccct actattcagt
3361 ggcgagaaat aaagtttgct tagaaaagaa acatggtctc ttcttggaa ttaattctgc
3421 atctgccctct tcttgtgggt GGAagaagc tccctaagtc ctctctccac aggccttaag
3481 atccctcgga ccagtccca tccttagact cctagggccc tggagaccct acataaaca
3541 agcccaacag aatattcccc atccccagg aaacaagagc ctgaacctaa ttacctctcc
3601 ctcaggggcat GGAatttcc aactctGGGA attc

Fig. 4C

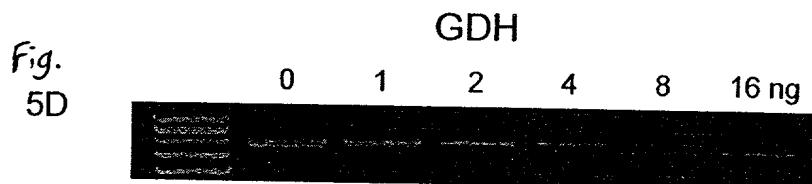
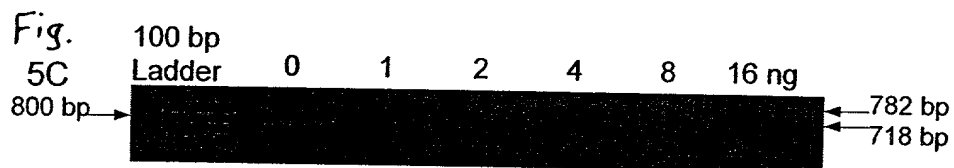
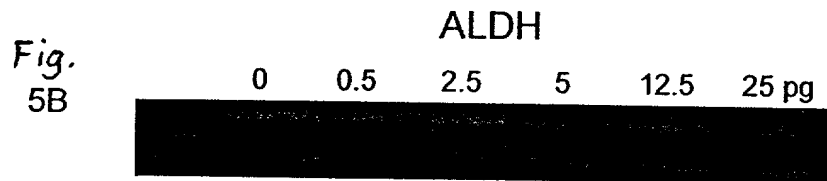
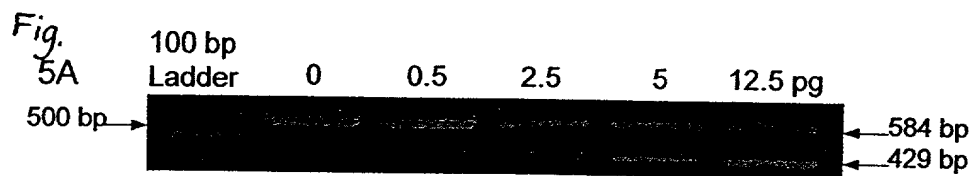
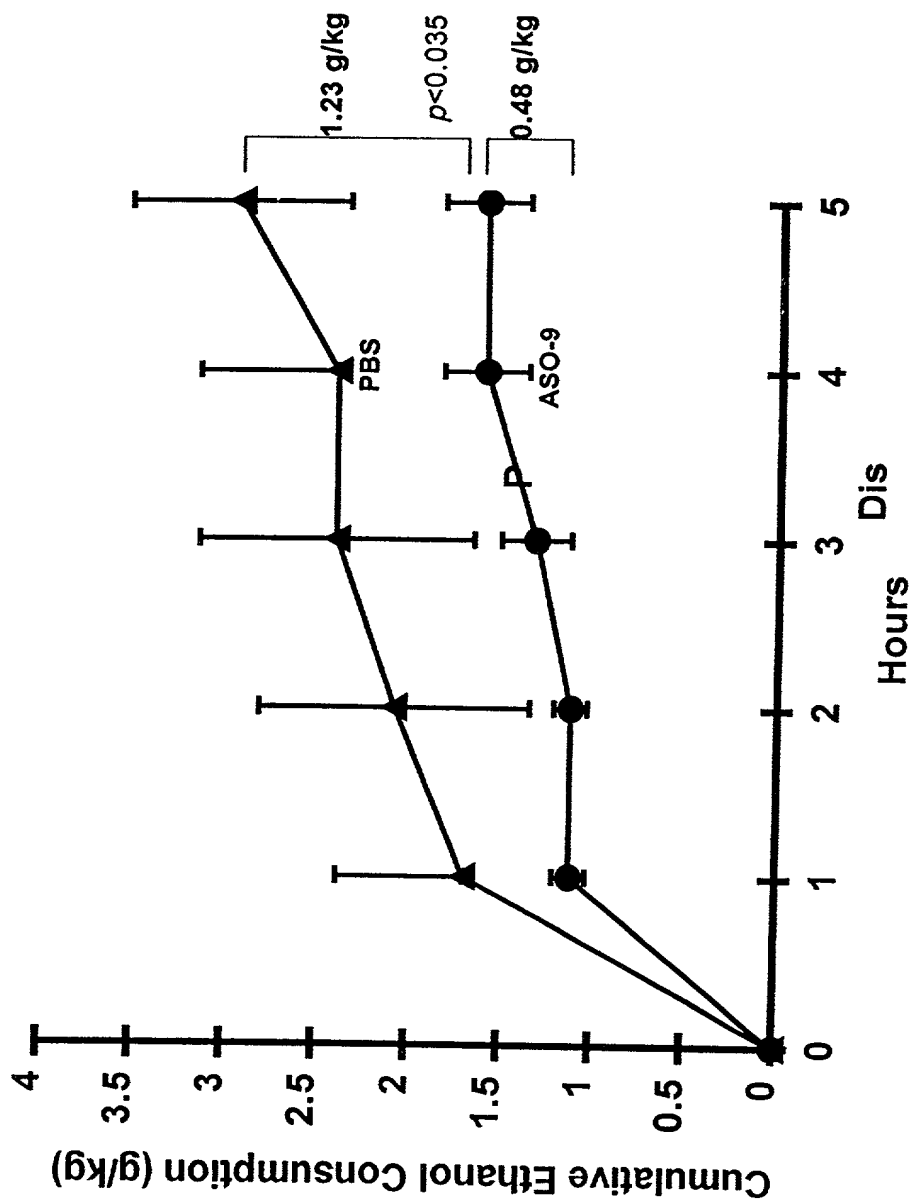
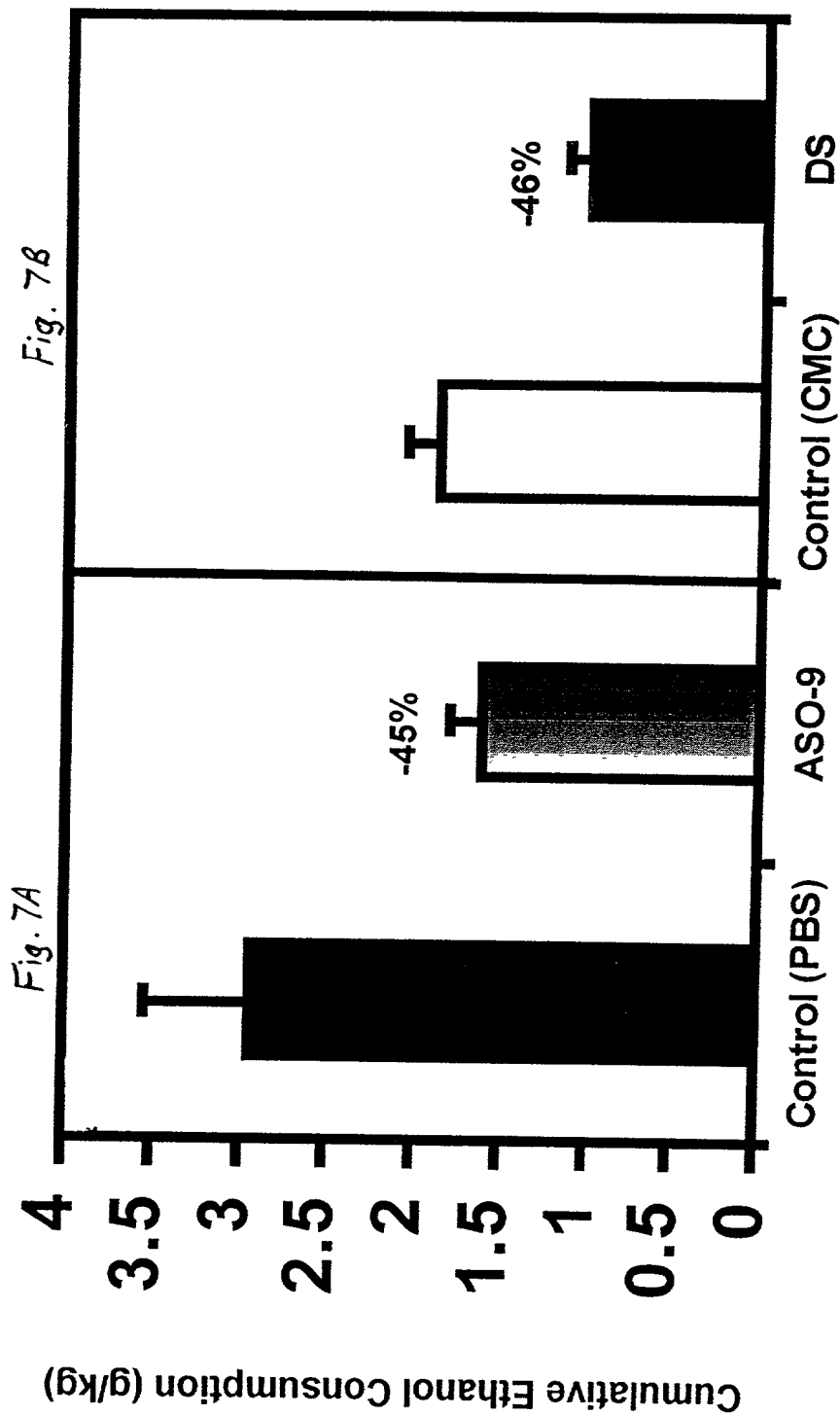


FIGURE 6





10 / 16

Fig. 8A

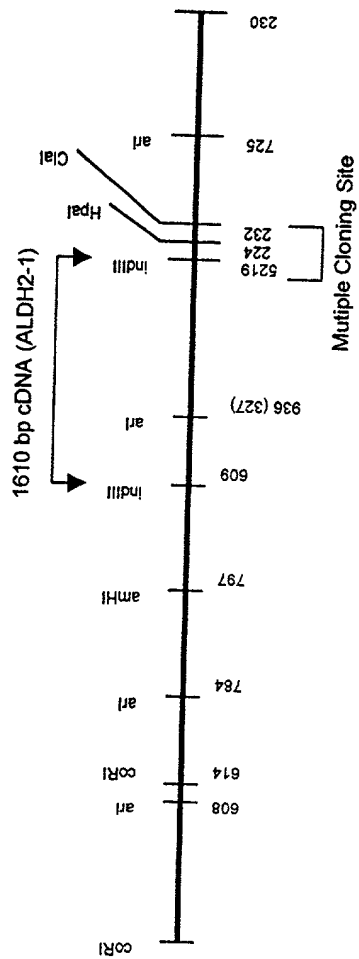


Fig. 8B

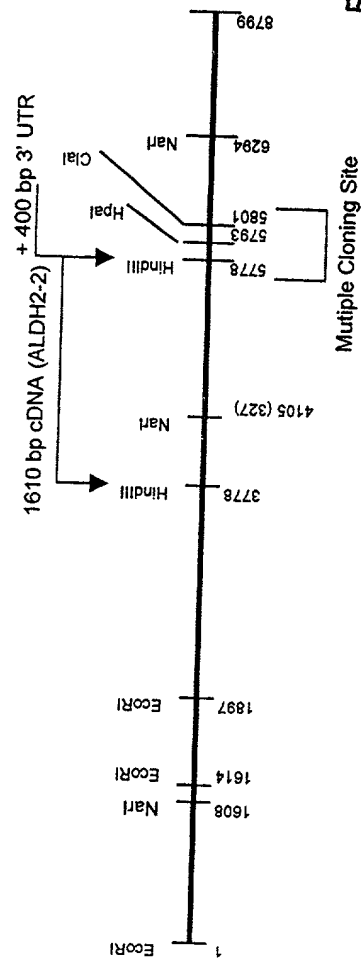
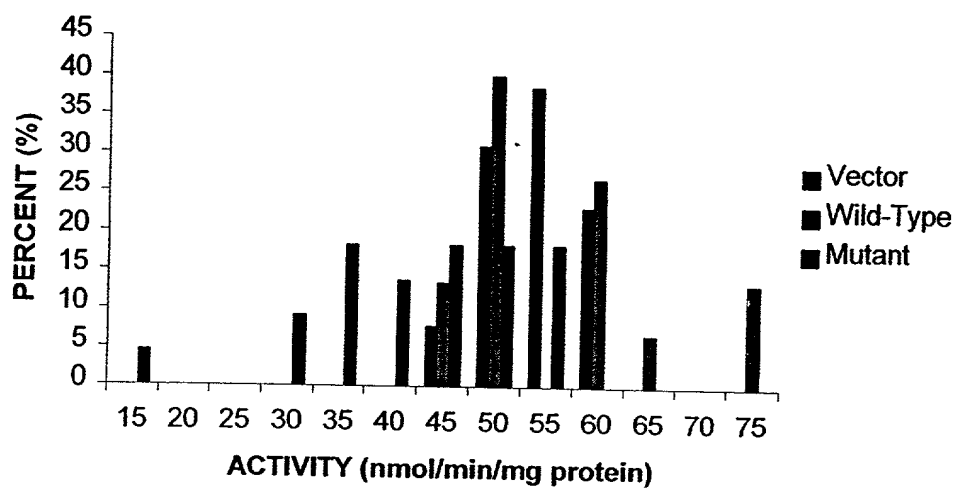




FIGURE 10

H4-II-E-C3 TRANSDUCTION



GCTTTATCTG CTAAGCTCCG CTCAGTTCAG CATGCTGCGC
GCCGCACTCA GCACCGCCCG CCGTGGGCCA CGCCTGAGCC
GCCTGCTGTC CGCCGCCGCC ACCAGCGCGG TGCCAGCCCC
CAACCAGCAG CCCGAGGTCT TCTGCAACCA GATCTTCATT
AACAAATGAGT GGCATGATGC TGTCAGCAAG AAAACATTCC
CCACCGTCAA CCCTTCCACG GGGGAGGTCA TCTGCCAGGT
AGCCGAAGGG AACAAGGAGG ACGTAGACAA GGCAGTGAAG
GCCGCTCAGG CAGCCTTCCA GCTGGGCTCG CCCTGGCGCC
GCATGGATGC ATCTGACAGG GGCCGGCTGT TGTACCGATT
GGCTGATCTC ATCGAACGGG ACCGGACCTA CCTGGCGGCC
TTGGAGACCC TGGACAACGG CAAGCCTTAT GTCATCTCCT
ACCTGGTGGA TTTGGACATG GTTCTGAAAT GTCTCCGCTA
TTATGCTGGC TGGGCTGACA AGTACCACGG GAAAACCATT
CCCATCGATG GCGACTTCTT CAGCTACACC CGCCACGAGC
CTGTGGGCGT GTGTGGACAG ATCATTCGGT GGAAGTTCCC
GCTCCTGATG CAAGCCTGGA AGCTGGGCCC TGCCTTGGCA
ACTGGAAACG TGGTGGTGAT GAAAGTGGCC GAGCAGACAC
CGCTCACTGC ACTCTACGTG GCCAACTTGA TCAAGGAGGC
AGGCTTCCCC CCTGGTGTGG TCAATATTGT TCCTGGATTG
GGCCCTACCG CCGGGGCTGC CATCGCGTCC CACGAGGATG
TGGACAAAGT GGCCTTCACA GGTTCCACTG AGGTTGGTCA
CCTAATCCAG GTTGCCGCCG GGAGCAGCAA TCTCAAGAGA
GTAACCCTGG AACTGGGGGG AAAGAGCCCC AATATCATCA
TGTCAGACGC TGACATGGAC TGGGCTGTGG AACAGGCCCA
CTTTGCCCTG TTCTTCAACC AGGGCCAGTG CTGTTGTGCG
GGCTCCCGGA CCTTCGTGCA GGAGGATGTG TATGATGAAT
TCGTGGAACG CAGTGTGGCC CGGGCCAAGT CTCGGGTGGT
CGGGAACCCT TTCGACAGCC GGACGGAGCA GGGGCCGCAG
GTGGATGAGA CTCAGTTTAA GAAGATCCTG GGCTATATCA
AGTCAGGACA ACAAGAAGGG GCGAAGCTGC TGTGCGGTGG
GGGCGCCGCC GCAGACCGTG GTTACTTCAT CCAGCCCACC
GTGTTCCGAG ACGTCAAAGA TGGCATGACC ATCGCCAAGG
AGGAGATCTT CGGACCAAGT ATGCAGATCC TCAAATTCAA
GACCATTGAG GAGGTTGTGG GGCGAGCCAA TAATTCCAAG
TACGGGCTGG CTGCCGCTGT CTTACAAAG GACCTGGACA
AGGCCAATTA CCTGTCCCAA GCTCTGCAGG CTGGGACTGT
GTGGATCAAC TGCTACGATG TGTTTGGGGC CCAGTCCCCA
TTTGGTGGCT ATAAGATGTC GGGGAGCGGC AGGGAGCTGG
GCGAGTATGG CCTGCAGGCC TACACGGAAG TGAAGACGGT
CACCGTCAAA GTGCCACAGA AGAACTCGTA AAGTGGCGTG

Fig. 11A

CAGGCTTCCT CAGCCAGCGC CAAAAACCC AACAAGATCC
TGAGAAAAGC CACCACCAAG CACACTGCGC CTGCCAAGAG
AAAACCCCTT CACCAAAGCG TCTTGGGCCA AGAAAGTCAG
GATTTGATAA ACAGGGCAGG GTTGGTGGGC GGTGTGTGGG
GAGCATCCCA GTAAACTGGG GAAGGGAGGA GCTCTGTGCA
GACTACCACG CGCACGCACA CACGCTCACT GGGTCCTTCT
GTGCTGGATG CTGGTTCCAC CCTCAGTGCT TAAACAAATG
AGCAATAAA

Fig. 11B

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GCTCTCGGTC CGCTCGCTGT CCGCTAGCCC GCTGCGATGT
TGCGCGCTGC CGCCGCTCGG GCCCGCCTG GCCGCCGCCT
CTTGT CAGCC GCCGCCACCC AGGCCGTGCC TGCCCCCAAC
CAGCAGCCCG AGGTCTTCTG CAACCAGATT TTCATAAACA
ATGAATGGCA CGATGCCGTC AGCAGGAAAA CATTCCCCAC
CGTCAATCCG TCCACTGGAG AGGTCATCTG TCAGGTAGCT
GAAGGGGACA AGGAAGATGT GGACAAGGCA CGTGAAGGCC
GCCCGGGGCG CTTCCAGCTG GGCTCACCTT GGCGCCGCAT
GGACGCATCA CACAGCGGCC GGCTGCTGAA CCGCCTGGCC
GATCTGATCG AGCGGGACCG GACCTACCTG GCGGCCTTGG
AGACCCTGGA CAATGGCAAG CCCTATGTCA TCTCCTACCT
GGTGGATTG GACATGGTCC TCAAATGTCT CCGGTATTAT
GCCGGCTGGG CTGATAAGTA CCACGGGAAA ACCATCCCCA
TTGACGGAGA CTTCTTCAGC TACACACGCC ATGAACCTGT
GGGGGTGTGC GGGCAGATCA TTCCGTGGAA TTTCCCGCTC
CTGATGCAAG CATGGAAGCT GGGCCCAGCC TTGGCAACTG
GAAACGTGGT TGTGATGAAG GTAGCTGAGC AGACACCCCT
CACCGCCCTC TATGTGGCCA ACCTGATCAA GGAGGCTGGC
TTTCCCCCTG GTGTGGTCAA CATTGTGCCT GGATTTGGCC
CCACGGCTGG GGCCGCCATT GCCTCCCATG AGGATGTGGA
CAAAGTGGCA TTCACAGGCT CCACTGAGAT TGGCCGCGTA
ATCCAGGTTG CTGCTGGGAG CAGCAACCTC AAGAGAGTGA
CCTTGGAGCT GGGGGGGAAG AGCCCCAACA TCATCATGTC
AGATGCCGAT ATGGATTGGG CCGTGGAACA GGCCCACTTC
GCCCTGTTCT TCAACCAGGG CCAGTGCTGC TGTGCCGGCT
CCCGGACCTT CGTGCAGGAG GACATCTATG ATGAGTTTGT
GGTGCGGAGC GTTGCCCGGG CCAAGTCTCG GGTGGTCGGG
AACCCCTTTG ATAGCAAGAC CGAGCAGGGG CCGCAGGTGG
ATGAAACTCA GTTTAAGAAG ATCCTCGGCT ACATCAACAC
GGGGAAGCAA GAGGGGGCGA AGCTGCTGTG TGGTGGGGGC
ATTGCTGCTG ACCGTGGTTA CTTCATCCAG CCCACTGTGT
TTGGAGATGT GCAGGATGGC ATGACCATCG CCAAGGAGGA
GATCTTCGGG CCAGTGATGC AGATCCTGAA GTTCAAGACC
ATAGAGGAGG TTGTTGGGAG AGCCAACAAT TCCACGTACG
GGCTGGCCGC AGCTGTCTTC ACAAAGGATT TGGACAAGGC
CAATTACCTG TCCCAGGCCC TCCAGGCGGG CACTGTGTGG
GTCAACTGCT ATGATGTGTT TGGAGCCCAG TCACCCTTTG
GTGGCTACAA GATGTCGGGG AGTGGCCGGG AGTTGGGCGA
GTACGGGCTG CAGGCATACA CTGAAGTGAA AACTGTCACA
GTCAAAGTGC CTCAGAAGAA CTCATAAGAA TCATGCAAGC

Fig. 12A

16 / 16

TTCCTCCCTC AGCCATTGAT GGAAAGTTCA GCAAGATCAG
CAACAAAACC AAGAAAAATG ATCCTTGCGT GCTGAATATC
TGAAAAGAGA AATTTTTCCT ACAAATCTC TTGGGTCAAG
AAAGTTCTAG AATTGAATT GATAACATG GTGGGTGGC
TGAGGGTAAG AGTATATGAG GAACCTTTTA AACGACAACA
ATACTGCTAG CTTTCAGGAT GATTTTAAA AAATAGATTC
AAATGTGTTA TCCTCTCTCT GAAACGCTTC CTATAACTCG
AGTTTATAGG GGAAGAAAAA GCTATTGTTT ACAATTATAT
CACCATTAAG GCAACTGCTA CACCCTGCTT TGTATTCTGG
GCTAAGATTC ATTAAAACT AGCTGCTCT

Fig. 12B

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